



# MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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## CERTIFIED FOR

JOB NAME :

CUSTOMER :

CUSTOMER P.O. :

MASON M.I. :

DWG. NO. :

TYPE

# EAFM

## 8823 & 7640

Elastomeric

Acoustical

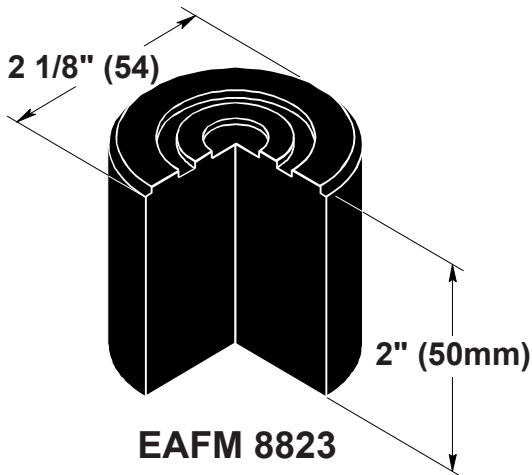
Floor Mounts

### Material:

Neoprene, compounded to DuPont  
Bridge-bearing pad specifications.

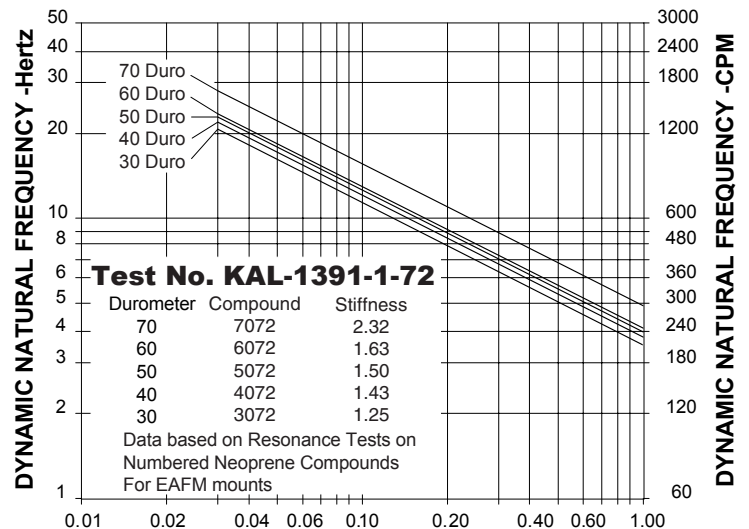
Mounts are designed for 0.300" maximum  
deflection under constant load.

Temporary loading may greatly exceed these  
numbers without damage or permanent set.



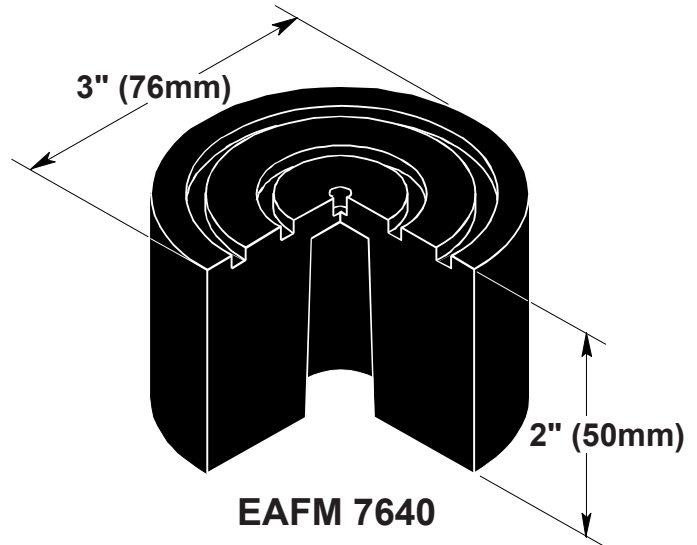
EAFM 8823

## DYNAMIC STIFFNESS & FREQUENCY CURVES



STATIC DEFLECTION - inches

Note: Data does not apply to compounds other than those tested.



EAFM 7640

### CERTIFICATION DATA

Mason Layout Drawing :

### BRIDGE-BEARING NEOPRENE SPECIFICATIONS

| ORIGINAL PHYSICAL PROPERTIES |                  |                   | TESTING FOR AGING         |                                  |                                        | COMPRES-SION SET      |           |
|------------------------------|------------------|-------------------|---------------------------|----------------------------------|----------------------------------------|-----------------------|-----------|
| (a)                          | (b)              | (b)               | (c)                       | (d)                              | (d)                                    | (e)                   | (e)       |
| Duro-meter                   | Tensile Strength | Elongat. at Break | Oven Aging (70hrs/212° F) | Ozone                            | 1 ppm in air by Vol. 20% Strain 100° F | 22hrs/150° F Method B |           |
| [min.]                       | [min.]           | [min.]            | Hard-ness [max.]          | Tensile Strength at Break [max.] | [min.]                                 |                       |           |
| 30±5                         | 1800 psi         | 500%              | + 15%                     | ± 15%                            | -40%                                   | No Cracks             | 35% (max) |
| 40±5                         | 2000 psi         | 450%              | + 15%                     | ± 15%                            | -40%                                   | No Cracks             | 30% (max) |
| 50±5                         | 2500 psi         | 400%              | + 15%                     | ± 15%                            | -40%                                   | No Cracks             | 25% (max) |
| 60±5                         | 2500 psi         | 350%              | + 15%                     | ± 15%                            | -40%                                   | No Cracks             | 25% (max) |

(a)ASTM D-676 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

| EAFM Designation & Color |       |    | Duro-meter ± 5 |     |     | Load Capacity [lbs kg] |     |                       |      |                       |      | Natural Frequency of Mounts with Dynamic Frequency Correction [Hz] |     |                       |  |                       |  |                       |  |                        |  |
|--------------------------|-------|----|----------------|-----|-----|------------------------|-----|-----------------------|------|-----------------------|------|--------------------------------------------------------------------|-----|-----------------------|--|-----------------------|--|-----------------------|--|------------------------|--|
|                          |       |    |                |     |     | Rated Load Range       |     |                       |      |                       |      | Temporary Overload                                                 |     | Rated Load Range      |  |                       |  |                       |  | Temporary Overload     |  |
|                          |       |    |                |     |     | 0.10" Defl.<br>2.5 mm  |     | 0.20" Defl.<br>5.1 mm |      | 0.30" Defl.<br>7.6 mm |      | 0.90" Defl.<br>22.9 mm                                             |     | 0.10" Defl.<br>2.5 mm |  | 0.20" Defl.<br>5.1 mm |  | 0.30" Defl.<br>7.6 mm |  | 0.90" Defl.<br>22.9 mm |  |
| 8823                     | Green | 40 | 48             | 22  | 97  | 44                     | 145 | 66                    | 435  | 197                   | 11.8 | 8.3                                                                | 6.8 | 3.9                   |  |                       |  |                       |  |                        |  |
|                          | Red   | 50 | 80             | 36  | 160 | 73                     | 240 | 109                   | 720  | 327                   | 12.1 | 8.5                                                                | 7.0 | 4.1                   |  |                       |  |                       |  |                        |  |
|                          | White | 60 | 120            | 54  | 240 | 109                    | 360 | 163                   | 1080 | 490                   | 12.6 | 9.0                                                                | 7.3 | 4.2                   |  |                       |  |                       |  |                        |  |
| 7640                     | Green | 40 | 167            | 76  | 335 | 152                    | 500 | 227                   | 1500 | 680                   | 11.8 | 8.3                                                                | 6.8 | 3.9                   |  |                       |  |                       |  |                        |  |
|                          | Red   | 50 | 235            | 104 | 470 | 213                    | 700 | 318                   | 2100 | 953                   | 12.1 | 8.5                                                                | 7.0 | 4.1                   |  |                       |  |                       |  |                        |  |
|                          | White | 60 | 300            | 136 | 600 | 273                    | 900 | 409                   | 2700 | 1225                  | 12.6 | 9.0                                                                | 7.3 | 4.2                   |  |                       |  |                       |  |                        |  |

DWN :

CHKD :

DATE :

DWG NO. :